

As President –Elect of the Wisconsin Society of Land Surveyors and as a land surveyor in private practice, I must express my serious concerns on behalf of the 1,000 members of WSLS in Wisconsin and across the country. I have serious misgivings about the FCC granting LightSquared LLC conditional approval (FCC File No. AT-MOD 20101118-00239) to push forward with their initiative to build a nationwide 4G-LTE wireless broadband network. Testing by GPS technology leaders Garmin and Trimble Navigation demonstrated that LightSquared's technology would interfere with GPS receivers and in many cases jam the receivers making our systems completely unusable.

High-precision GPS equipment used by land surveyors costing thousands of dollars would be rendered useless. GPS technology has transformed the way Americans have built and managed our infrastructure, adding a tremendous level of efficiency to the design construction and maintenance of roads, commercial properties, parks, farms, bridges, etc.

Here in Wisconsin GPS has become an essential tool for the land surveyor both in the public and private sectors. GPS delivers in minutes the accurate locations that use to take days at a time. Our reduction in time for the services we provide is a win for all residents whether they are large corporations or lots owners in subdivisions. Land surveyors having continued access to GPS is extremely important for the citizens of this state. The Wisconsin Department of Transportation has invested a lot of time and millions of dollars to set up a system of continuously operating GPS receivers around the entire state to insure that we have a very accurate reference network in place. This network is used by WIDOT and private practice surveyors across the State. If LightSquared is allowed to build their towers it will negate the network and make it time and money down the drain,

The FCC must make clear and ensure that LightSquared's actions do not adversely affect and interfere with GPS.

Respectfully.

Allen J. Schneider, RLS  
President- Elect Wisconsin Society of Land Surveyors